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Summary: Danisco has developed an intergeneric microorganism, *Saccharomyces cerevisiae* [REDACTED] or [REDACTED], containing [REDACTED] [REDACTED], for use in production of fuel ethanol. The MCAN strain is based on a similar strain described in [REDACTED] with the major difference being addition of another gene function to that MCAN strain. [REDACTED]

The following intergeneric genes were introduced in the final strain:

Gene	Function	Source Organism
Gene 1	Function 1	Source Organism 1
Gene 2	Function 2	Source Organism 2

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Scheme for construction of J-15-31

Antibiotic Resistance Markers

No antibiotic resistance markers remain in the final organism.

Production Volume: Danisco estimates the following production volume:

Year	# of Batches	Dry Cell Weight (kg) per Batch	Total Dry Cell Mass (kg)	Total Wet Cell Mass Fermentation Broth (kg)	Total Wet Cell Mass Concentrated Cream (kg)	Total Active Dry Yeast Product (kg)

References

Segal, M. 2015. Taxonomic Identification Report for J-15-31